

Adding and Subtracting Linear Expressions

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Simplify each expression.

1) $(3x + 5) + (5x - 2)$

2) $(6x^2 + 5) + (-5x^2 + 3)$

3) $(6x + 6) + (-3 - 4x)$

4) $(4x - 6) - (-4 - 8x)$

5) $(6p + 4) + (-5p + 8)$

6) $(-1 - 3n) + (6 + 2n)$

7) $(-8r + 8) + (-7 - 7r)$

8) $(8r - 6) + (-2r - 7)$

9) $(1 - 6x) + (7x + 3)$

10) $(-4x + 4) - (8x + 7)$

11) $(-x - 3) + (3x + 8)$

12) $(7 + a) - (-7a + 1)$

13) $(-2 - 5v) - (-4v - 2)$

14) $(-3k - 1) + (7 + 2k)$

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Simplify each expression.

1) $(3x + 5) + (5x - 2)$

$8x + 3$

2) $(6x^2 + 5) + (-5x^2 + 3)$

$x^2 + 8$

3) $(6x + 6) + (-3 - 4x)$

$2x + 3$

4) $(4x - 6) - (-4 - 8x)$

$12x - 2$

5) $(6p + 4) + (-5p + 8)$ $p + 12$

6) $(-1 - 3n) + (6 + 2n)$

$-n + 5$

7) $(-8r + 8) + (-7 - 7r)$

$-15r + 1$

8) $(8r - 6) + (-2r - 7)$ $6r - 13$

9) $(1 - 6x) + (7x + 3)$

$x + 4$

10) $(-4x + 4) - (8x + 7)$

$-12x - 3$

11) $(-x - 3) + (3x + 8)$

$2x + 5$

12) $(7 + a) - (-7a + 1)$

$8a + 6$

13) $(-2 - 5v) - (-4v - 2)$

$-v$

14) $(-3k - 1) + (7 + 2k)$

$-k + 6$